

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 56-148586

(43)Date of publication of application : 18.11.1981

(51)Int.Cl.

B41W 5/00
B41J 3/04

(21)Application number : 55-053298

(71)Applicant : CANON INC

(22)Date of filing : 21.04.1980

(72)Inventor : HARUTA MASAHIRO

YANO YASUHIRO

MATSUFUJI YOJI

SAKAEDA TAKESHI

OTA NORIYA

(54) RECORDING MATERIAL**(57)Abstract:**

PURPOSE: To provide a recording material which is capable of absorbing a recording liquid rapidly, producing clear printed dots and being used for ink jet recording in a favorable manner by providing on a substrate a recording-liquid receiving layer which comprises powdered silica dispersed in a resin soluble in nonaqueous solvents.

CONSTITUTION: The powdered silica (silicate mineral having an average particle size of not larger than about 3 μ , and being preferably porous) and the nonaqueous solvent-soluble resin (e.g., polyvinyl butyral) with a weight ratio of about 20/1W 1/10 are mixed and dispersed into an organic solvent (e.g., ethanol) to prepare a coating material. The coating material is coated on the substrate such as paper in an amount about of 1W10g/m² to form the recording-liquid receiving layer, thereby obtaining the recording material. Said powdered silica may be used with a particulate inorganic pigment (e.g., kaolin, diatomaceous earth, etc.) mixed thereto.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or

application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japanese Patent Office